APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

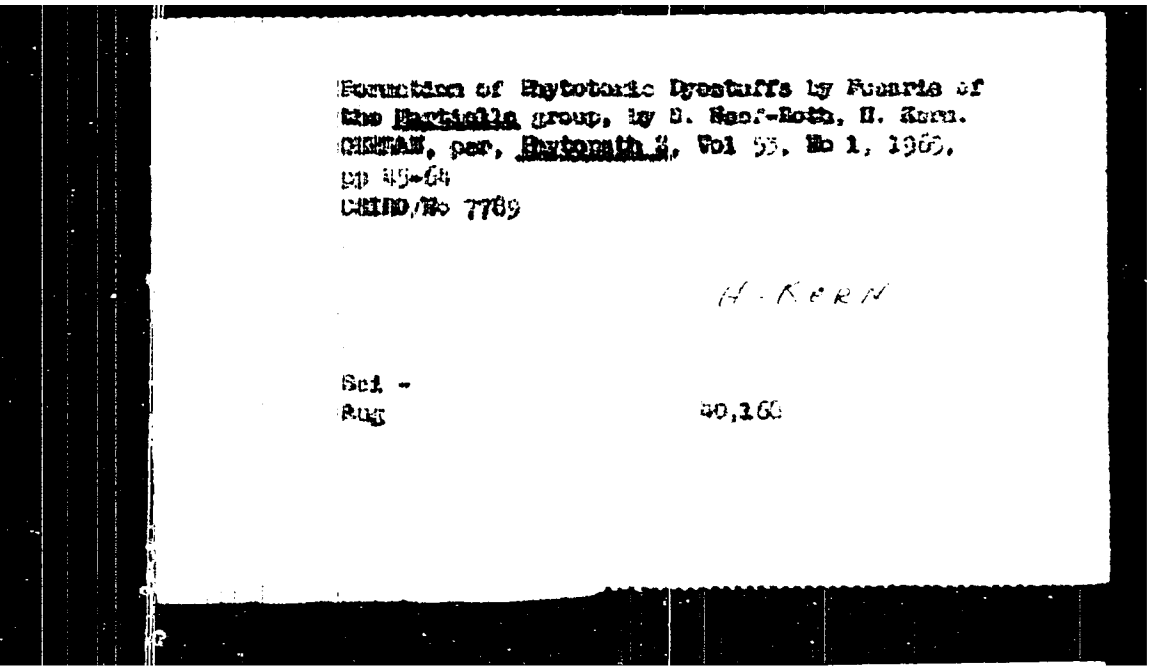
Physiological Principles Underlying Disease Resistance.
by H. Korn.
GERMAN, per, Z. schweizer.landwirtsch.Forsch, Vol 1,
No 3, 1962, pp 271-280.
(CSIRO/No. 7788)

H KORN

Sci -
Sep 67 339,986

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



Formation of Phytotoxic Dyestuffs by Fusaria of the Bachmilla group, by S. Neef-Roth, H. Korn. CHEMIE, per, Phytopath Z, Vol 55, No 1, 1965, pp 45-64
CHIMO/No 7769

H-KORN

Sel -
Aug 30,160

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Investigations With Two Wilt Toxins, by
Ernst Gaumann, Heinz Kern, Walter Southoff.

GERMAN.

North Carolina State College

USDA Tr 31,779

SIA Tr

Scientific - Biology [redacted]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, J., Dörr, F., and Scheibe, G.
DELAYED FLUORESCENCE IN CYANINE DYES.
[1963] 13p. 26 refs.
Order from SLA $1.60 63-18724

Trans. of Zeitschrift für Elektrochemie (West Germany) 1962, v. 66, p. 462-466.

DESCRIPTORS: *Dyes, *Fluorescence, *Luminescence, Atomic, Atomic energy levels, Absorption spectrum, Excitation, Electrochemistry.

Polymethinecyanines display a delayed fluorescence at low temperature when dissolved in alcohol-glass. This fluorescence cannot be understood as a high-temperature phosphorescence. It is interpreted as a recombination luminescence caused by retrapping of electrons which have been released from the dye ions by relatively long-wavelength radiant energy and which have been trapped temporarily in electron traps of the
(Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18724

1. Title: Cyanine dyes
2. Title: Polymethine cyanines
I. Kern, J.
II. Dörr, F.
III. Scheibe, G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Connections Between Some Crown-Characteristics (Values) and the Needle-Dry Weight of Spruce and Fir.
by K.G. Kern.
GERMAN, per. Allgemeine Forst Und Jagdzeitung.
Vol. 133, 1960, pp 13-18.
NRC/Ref. C-3952

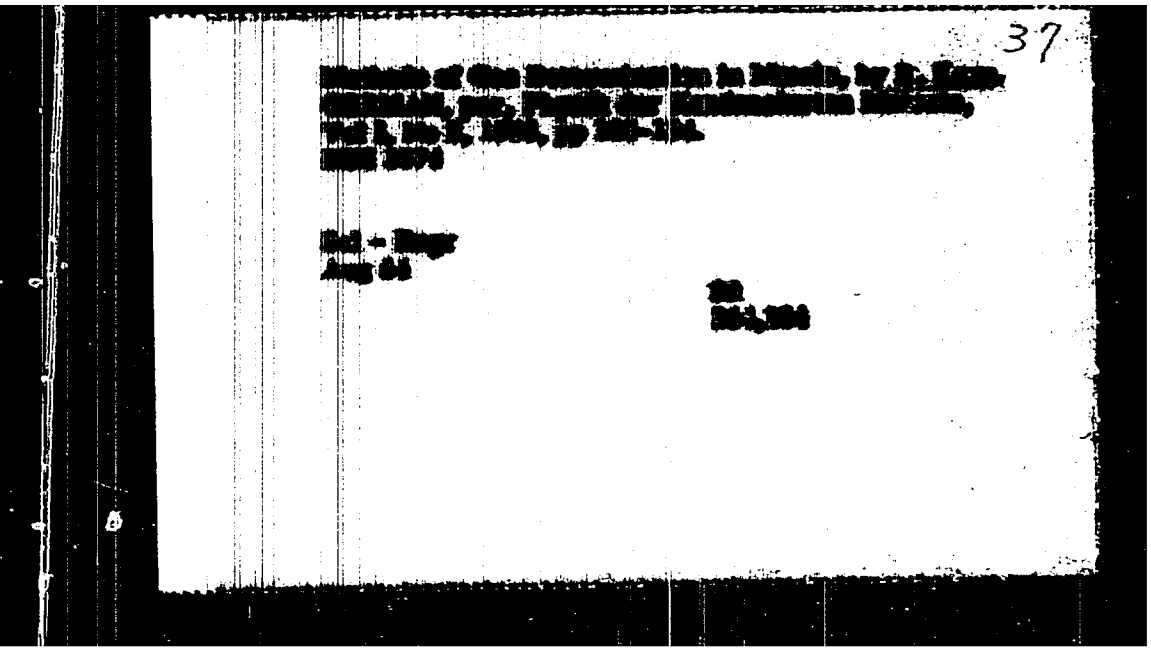
K G. KERN

Sci -
Aug 67

334-726

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4




APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Method for Increasing the Biological Activity of Animal Tissues by Freeze Drying, by R. Kern, 2 pp.

GERMAN, Patent 1,050,023, 5 Feb 1959.

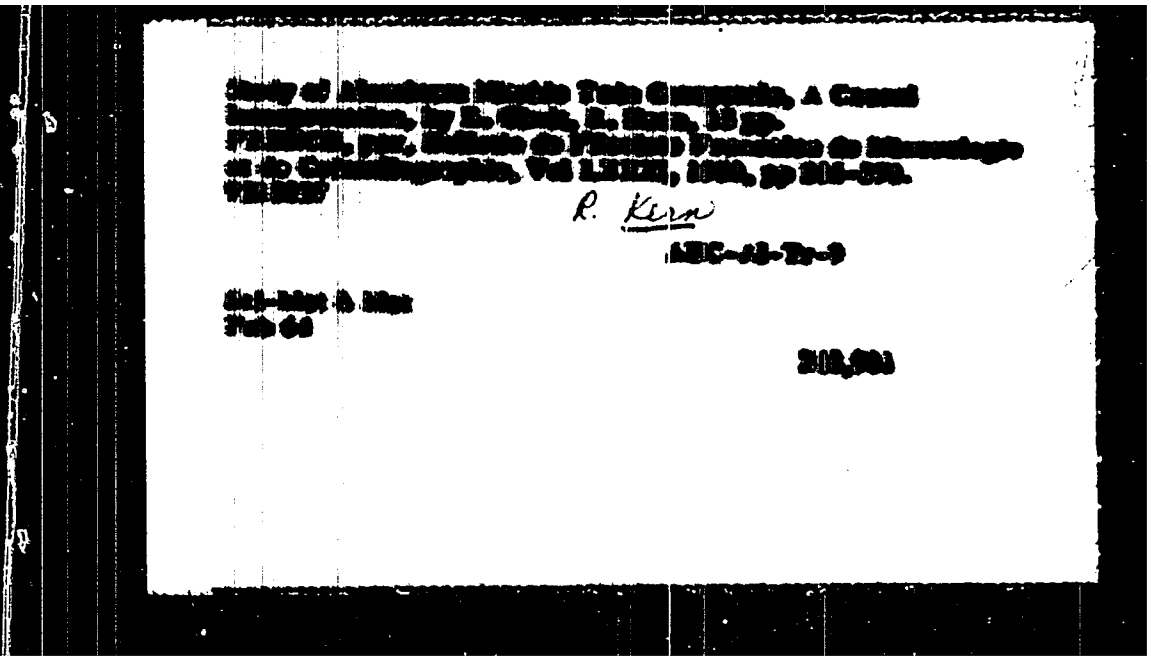
SLA 60-14965

186, 944

Feb 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

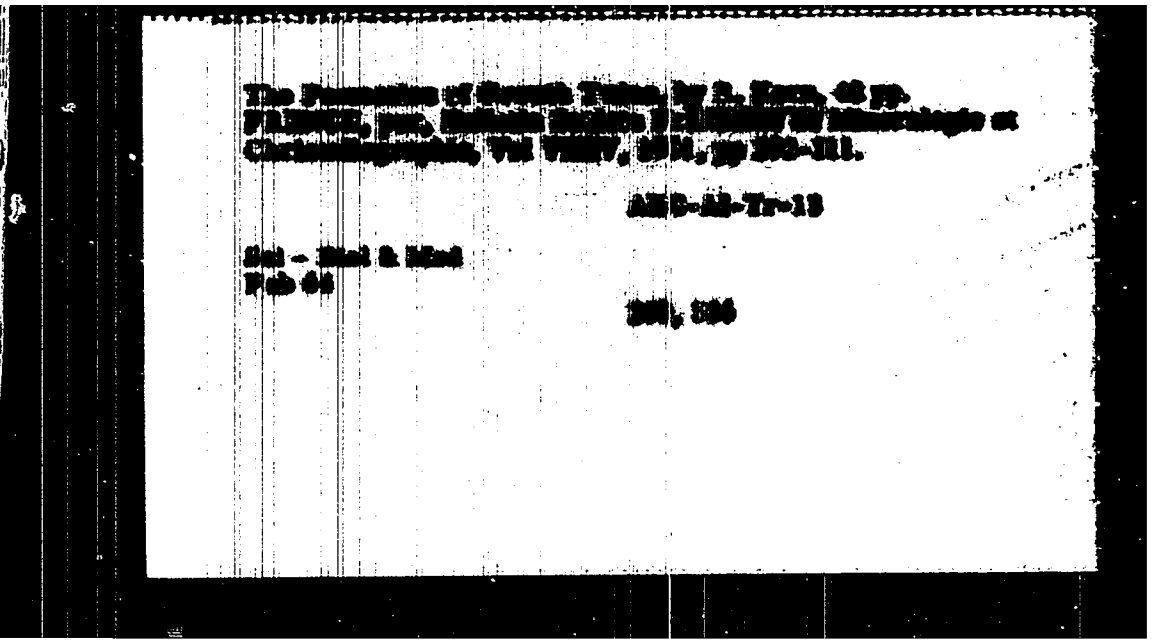
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



R. Kern

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Intrinsic Hall Effect of InSb, by G. Busch, R. Zaggi, and R. Kern, 1 pp.

GERMAN, Helv. Phys. Acta, Vol XXVIII, 1955, p 452-453.

SLA 3262

Sci

Jul 58

68,721

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Methods for Gas Determination in Metals, by R. Kern.
GERMAN, per Chem. Laboratoriert. Tat. Vol. 1, 1963
pp 103-114
GD 60/1633

R. Kern

Sol -
Aug 67

38-494

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

R. Kern

On the suppression of intra ocular pressure, blood pressure and body weight in extreme physical performance.

GERMAN, Opthalmologica, Vol 147, 1964, pp 82-92

*NASA TT F 14,557

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Methods for Gas Determination in Metals, by R. Kern.
GERMAN, per Phys. kondensierte. Mat. Vol. 1, 1963
pp 105-124
GB 60/1633

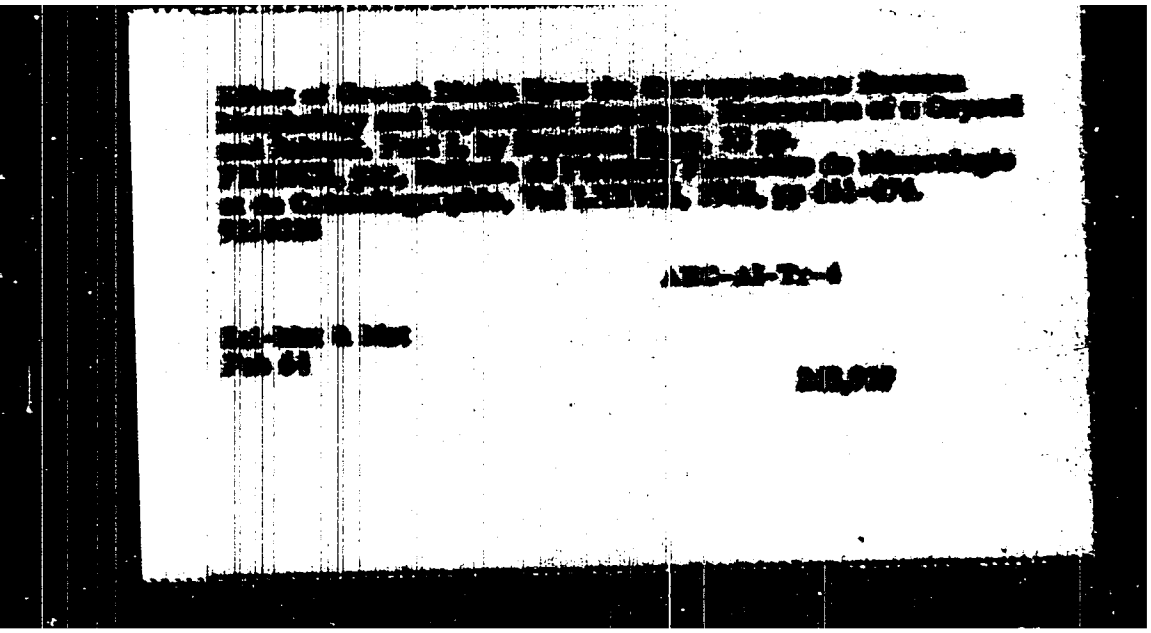
R KERN

Sci -
Aug 67

338-494

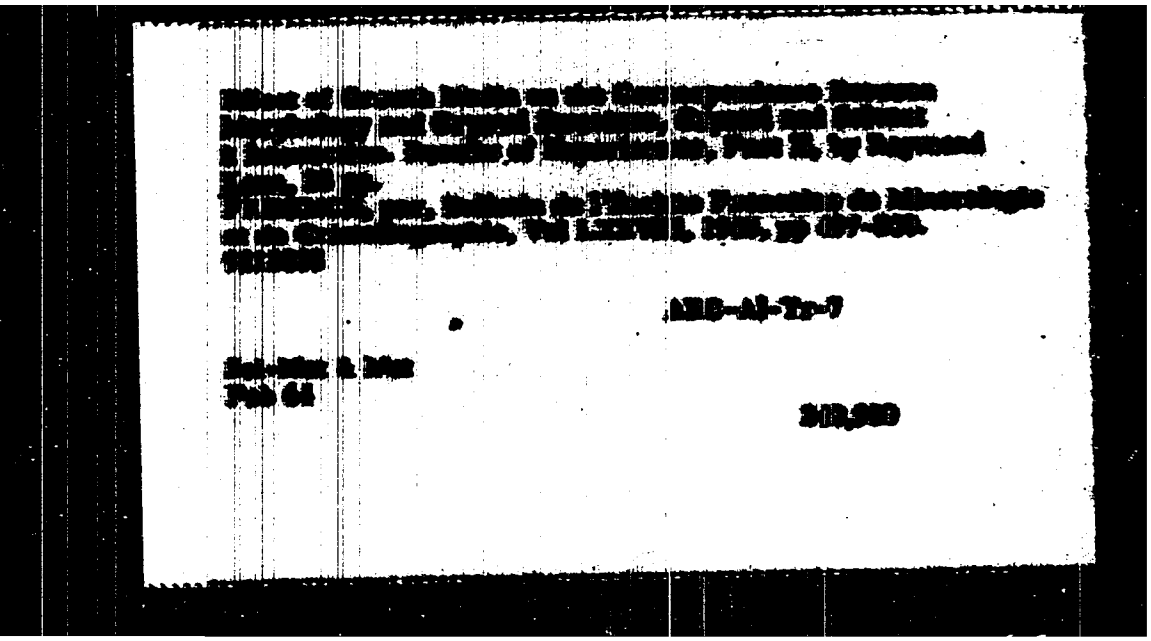
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



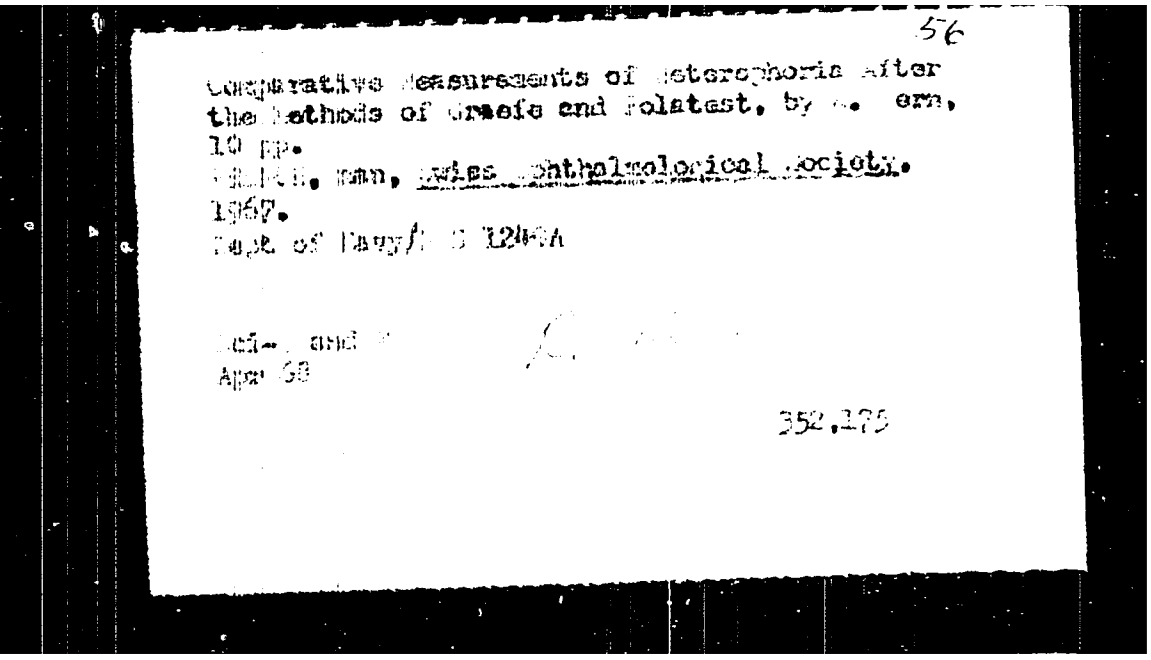
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



56

Comparative measurements of heterophoria after the methods of Maddox and Volatest, by [illegible], 10 pp.
[illegible], Wales, Ophthalmological Society.
1967.
Type of Copy: [illegible]

[illegible] and
Apr 68

352.179

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Process for the Polymerization of Ethylene in Aqueous Emulsion, by Dr Rudolf Kern, 2 pp.

GERMAN, patent No 884,572, 27 Jul 1953, Badische Anilin and Soda-Fabrik.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX- 430

Sci - Chem
Apr 58

FOR INTERNAL USE ONLY

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

(FDD 28225)

Experimental Disinfection of Surfaces of Chloramine Mercsole, by V. G. Kern, B. V. Yakovlev, 9 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i Immunobiol, No 4, Moscow, Apr 1956, pp 112-115.

CIA/FDD U-9022

41,112

USSR
Sci - Medicine, disinfection
Oct 56

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, W., Cherdron, H. and others.
POLYOXYMETHYLENES. [1961] 20p.
Order from ATS $34.75 ATS-93N51G

Trans. of Angew[andte] Chem[ie] (West Germany) 1961, v. 73, no. 6, p. 177-186.

DESCRIPTOR: *Methanes.

(Chemistry--Organic, TT, v. 6, no. 5)

61-22916

I. Kern, W.
II. Cherdron, H.
III. ATS-93N51G
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Synthesis of Macromolecules of Uniform Size. Part IV. Principles of ~~the~~ the Duplication Process, by W. Kern, K. J. Ranterkus, 23 pp.

GERMAN, per, Makromolekulare Chemie, Vol XXVIII, No 2, 1958, pp 221-235.

ATS-33L316
ATS-237 GJ

Sci - Chem
Dec 59
Vol 2, No 4

102,770

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Synthesis of Macromolecules of Uniform Size. Part IV. [1] Principles of the Duplication Process, by W. Kern, K. J. Ruterkus, 13 pp.

GERMAN, per, Makromolek Chem, Vol XXVIII, No 3, 1958, pp 221-235.

ZTS 33L310

Sci - Chemistry
Nov 59

103,299

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Polymerization of Styrene With P-Bromo Benzoyl Peroxide (Chemical Molecular WT. of Polystyrene, by N. Kern, H., Kammerer GERMAN, per, Journal fur Praktische Chemie, Vol CLXI, 1942, pp 81-112. SLA TT 64-20467

W. Kern

May 67 325,063

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Autoxidation of Unsaturated Compounds, by W. Kern and H. Willersinn.

GERMAN, per; Makromol Chem, Vol XV, 1955, pp 1-14.

ASLIB-GB57

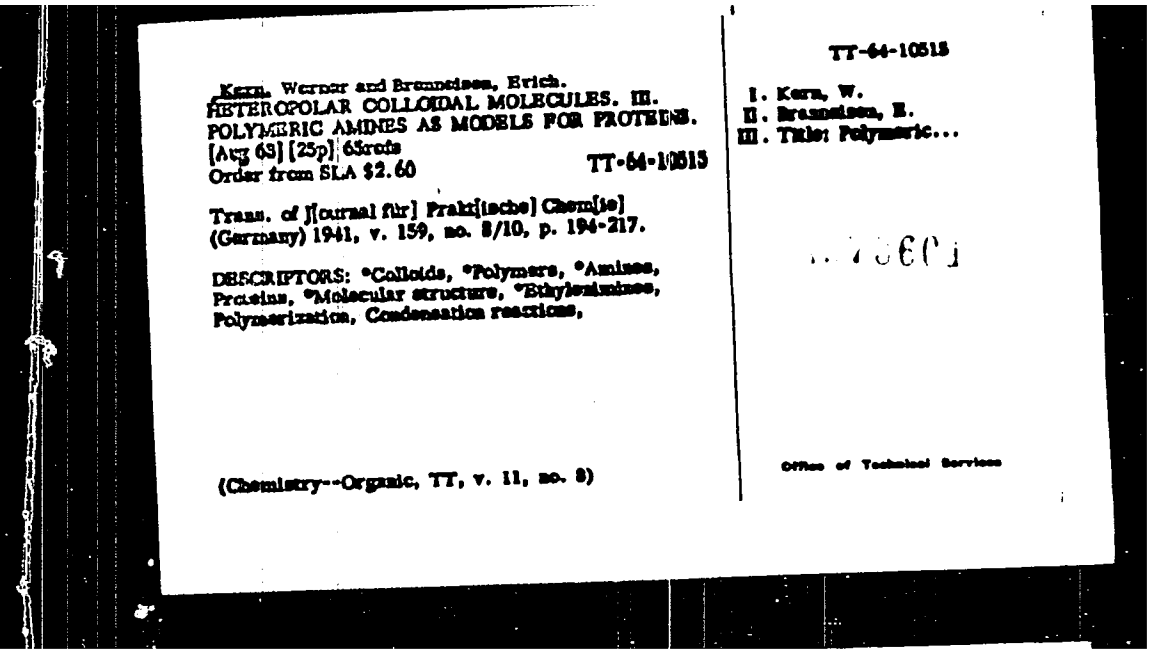
Sci

Aug 58

71,194

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



Kern, Werner and Brenneisen, Erich.
HETEROPOLAR COLLOIDAL MOLECULES. III. POLYMERIC AMINES AS MODELS FOR PROTEINS.
[Aug 63] [25p] 65rots
Order from SLA $2.60 TT-64-10515

Trans. of J[ournal für] Prakt[ische] Chem[ie] (Germany) 1941, v. 159, no. 8/10, p. 194-217.

DESCRIPTORS: *Colloids, *Polymers, *Amines, Proteins, *Molecular structure, *Ethyleneimines, Polymerization, Condensation reactions.

(Chemistry--Organic, TT, v. 11, no. 8)

TT-64-10515

I. Kern, W.
II. Brenneisen, E.
III. Title: Polymeric...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

On Methyl-Substituted Polyphenylenes, by S. Claesson, R. Gehm, W. Kern, 28 pp.

FRENCH, per, Makromolekulare Chemie, Vol VII, No 1, 1951, pp 46-61.

SLA 60-1.0866

Sci

OTS, Vol III, No 6
Sep 60

126,867

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Autoxidation of Unsaturated Compounds. II, by
W. Kern and H. Willersinn.

GERMAN, per, Makromol Chem, Vol XV, 1955, pp 15-35

ASLIB-GB57

71,195

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Chemical Reactions of Synthetic Polymers, by W. Kern, 23 p.

CZECH, per, Sbornik Chekhoslovatskykh Khimicheskykh Rabot, 1957, p Vol XXII, pp 126-140.

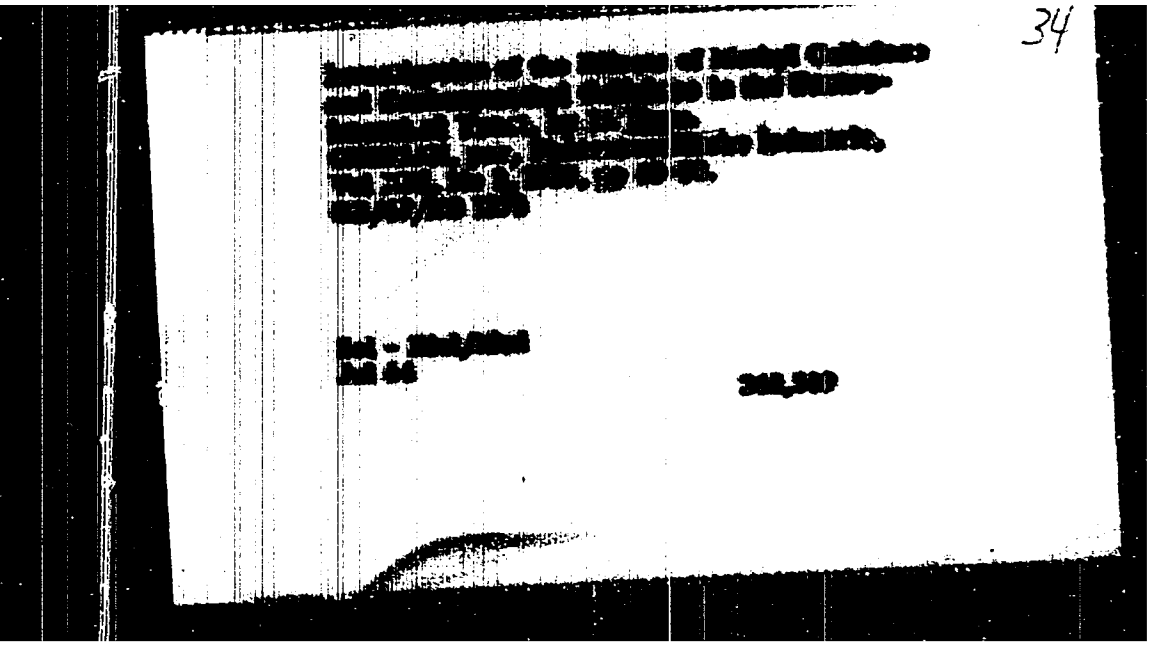
SLA 60-10075

Sci
Apr 60
Vol XXI, No 3

112,082

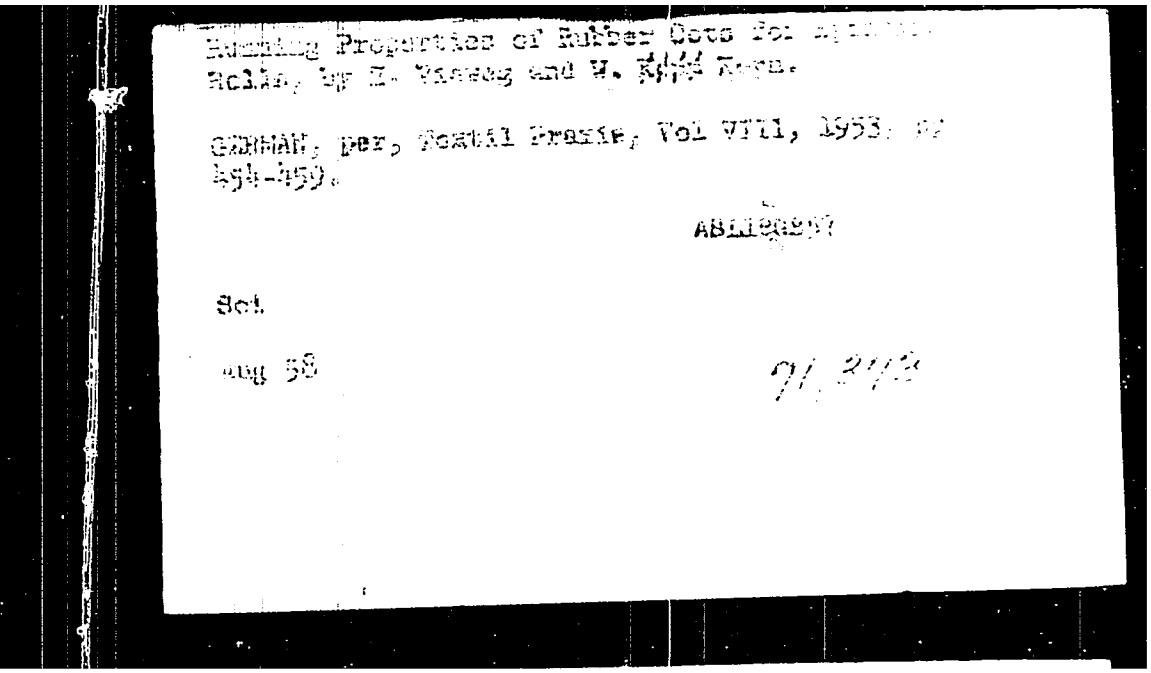
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4




APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4



Swelling Properties of Rubber Cord for [illegible]
Belts, by I. Yanteg and W. Kühl Kora.

GERMAN, per, Kautsch Gummi, Vol VIII, 1955, pp
454-459.

ABSTRACT

Sct

aug 58

71 2/3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

The Effectiveness of Various Peroxides on the Solution Polymerization of Styrene Accelerated With the Aid of Redox-systems, by R. Schulz, W. Kern, 15 pp.

GERMAN, per, Die Makromolekulare Chemie, Vol XIII, No 2/3, 1954, pp 210-222.

S.L.A. Tr No 311/1957

44,962

Sci - Chemistry
Jan 1957 CTS/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, W., Harold, W. and Scherhag, B.
POLYVINYLSULFONIC ACID AS CATALYST FOR HYDROLYTIC REACTIONS (Polyvinylsulfonsäure als Katalysator Hydrolytischer Reaktionen). [1961] [13]p. 28 refs.
Order from SLA mi$2.40, ph$3.30 61-10483

Trans. of Makromolekulare Chemie (Switzerland) 1955, v. 17, no. 3, p. 231-240.

Free polyvinylsulfonic acid is prepared by polymerization of sodium vinylsulfonate followed by conversion to free polyvinylsulfonic acid by exchange on a suitable ion exchanger. An investigation of the dissociation of polyvinylsulfonic acid showed that it behaves like a strong monobasic acid and has properties typical for polyelectrolytes. When used as a catalyst for hydrolysis, the speed of hydrolysis of sucrose was about the same as with sulfuric acid as catalyst, while with proteins and polypeptides the speed was 3 to 5 times greater, leading to free amino acid formation. A possible explanation is suggested.

61-10483

1. Vinylsulfonic acid--Catalytic properties
2. Organic compounds--Hydrolysis
I. Kern, W
II Harold, W
III Scherhag, B

Office of Technical Services
(Chemistry--Organic)
TT, v. 5, no. 11)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, W., Punk, R. and others.
LINEAR POLYESTERS WITH ALCOHOLIC END GROUPS AND THEIR DETERMINATION (Lineare Polyester mit Alkoholischen Endgruppen und deren Bestimmung). [1961] [22]p. 34 refs.
Order from SLA mf$2.70, ph$4.80 61-10484

Trans. of Makromolekulare Chemie (Switzerland) 1955, v. 17, no. 3, p. 201-218.

Linear succinic acid-1, 6-hexandiol polyesters with alcoholic end groups were prepared by condensation in melts and in solutions with an excess of the diol. Polyesters of higher molecular weight with predominantly alcoholic end groups were obtained by secondary condensation with the diol. The reaction of the products with phenyl isocyanate leads to polyester diurethanes. The determination of nitrogen according to Kjeldahl gives molecular weights up to about $5x10^3$ with satisfactory precision. On total hydrolysis of the polyester diurethanes, aniline is formed, which was quantita-
(Chemistry--Organic, TT, v. 5, no. 11) (over)

61-10484

1. Esters--Determination
I. Kern, W.
II. Punk, R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, W. F.
DEFORMATION MEASUREMENTS ON VEHICULAR TIRES BY MEANS OF SPECIAL ELONGATION PICKUP. [1961] 18p.
Order from ATS $23.60 ATS-16N53G

Trans. of [ATZ] Automobiltech[nische] Z[eitschrift] (Germany) 1961, v. 63, no. 2, p. 39-41.

DESCRIPTORS: Vehicles. *Tires, Deformation, Determination

(Machinery--Transport, TT, v. 6, no. 8)

61-25364

I. Kern, W. F.
II. ATS-16N53G
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

The Testing of Several Ointment Bases, Suggestions for an Appendix to the DAB 6 or DAB 7, Polyhydroxyethylated Castor Oil, by Walther Kern, O. Salzmann, C. Scholler, 5 pp.

GERMAN, per, Pharmazeutische Industrie, Vol XVII, No 9, 1955, p 370.

SLA 60-16612

Sci

190,018

Mar 2 62

Vol IV, No 6

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, Walter F.
STRAINS TO WHICH CORD IS SUBJECT IN TIRES AND DISCUSSION. Papers and discussion from Colloquium of Deutsche Rheologen-Vereinigung e. V. [held at] Bad Oeynhausen, 23 Oct 59 [1961] 34p. 2 refs. Order from RIS $60.00 RIS C-147

Trans. of Faserforschung und Textiltechnik (Germany) 1960, v 11 [no. 9] p. 401-408 and 423-427.

DESCRIPTORS: *Tires, Tests, Stresses, Test methods, *Cordage, Synthetic fibers

Standard extension-measuring strips have been used to evaluate the strains to which a tire is subject at different points and under different conditions, in order to characterize the complex nature of the demands made on the cord in a tire. It is found that the stresses do not occur sinusoidally, but in the form of impacts and shocks. The nature and the magnitude of the strains allow certain conclusions to be drawn concerning the testing of tire cord. (Author)

61-22493

I. Kern, W. F.
II. RIS C-147
III. Research Information Service, New York
IV. Title: Colloquium

Office of Technical Services

(Materials, TT, v. 6, no. 3)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Heterogenlar Molecular Colloids. II. Viscosity of Solutions of Polyacrylic Acid and its Salts. Rep. On High Polymer Compounds, by Werner Kern. German, per, Zeitschrift fur Physikalische Chemie, 1938, Vol. 181A
SLA-TT-64-20604

Werner Kern

Chem
Aug 66

7
308,636

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

On the Polymerization of Acrylonitrile and Polyacrylonitrile, by Werner Kern and Helmut Perron,
CHEMIE, Der, Journal für Praktische Chemie, Vol Vol CLI, No 10/12, 1942, pp 281-295.
SLA TT 64-20408

Dept 66 311,254

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Dr Kern

Polyoxymethylenes. Report No. 18, The Acidolytic Degradation of Polyoxymethylenes, by W. Kern.
ENGLISH, per, Journal of Polymer Science, Series B, vol. 1, 1963, pp. 141-145.
NTC 71-12839-07C

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150041-4

Kern, Werner and Cherdon, Harald.
THE DEGRADATION OF POLYOXYMETHYLENES.
[1961] 15p.
Order from SLA $1.60 62-10679

Trans. of Makromolekulare Chemie (Switzerland)
1960, v. 39, no. 3, p. 101-117.

DESCRIPTORS: *Formaldehyde, Decomposition, *Methanes, Polymers, Pyrolysis, Molecular structure, Chemical reactions, *Methyl ethers, Ethers.

The degradation is followed of polyoxymethylenes which have been prepared by different methods. It is possible to differentiate different degradation reactions and to characterize these separately.

(Chemistry--Organic, TT, v. 7, no. 11)

62-10679

I. Kern, W.
II. Cherdon, H.

209681

Office of Technical Services

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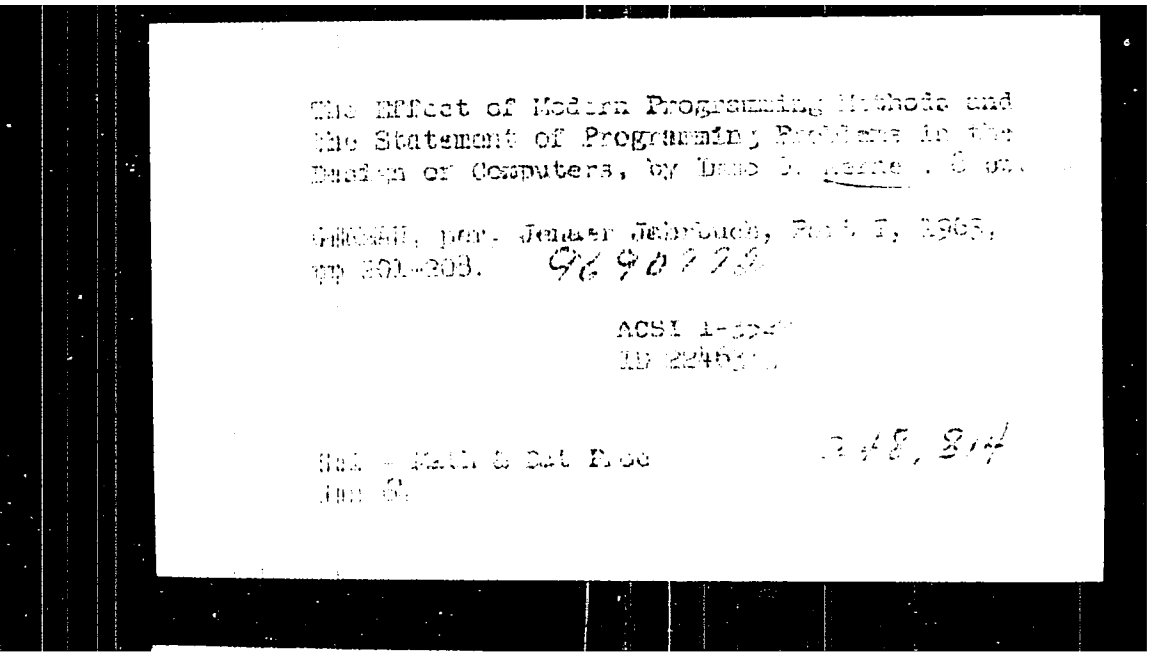

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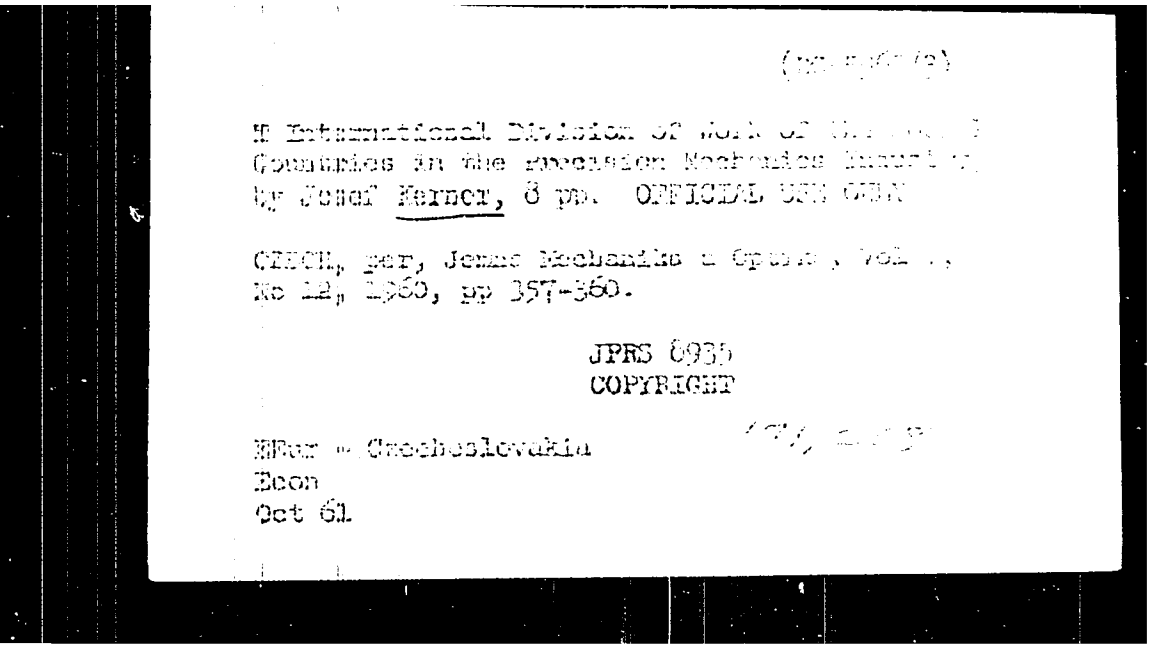

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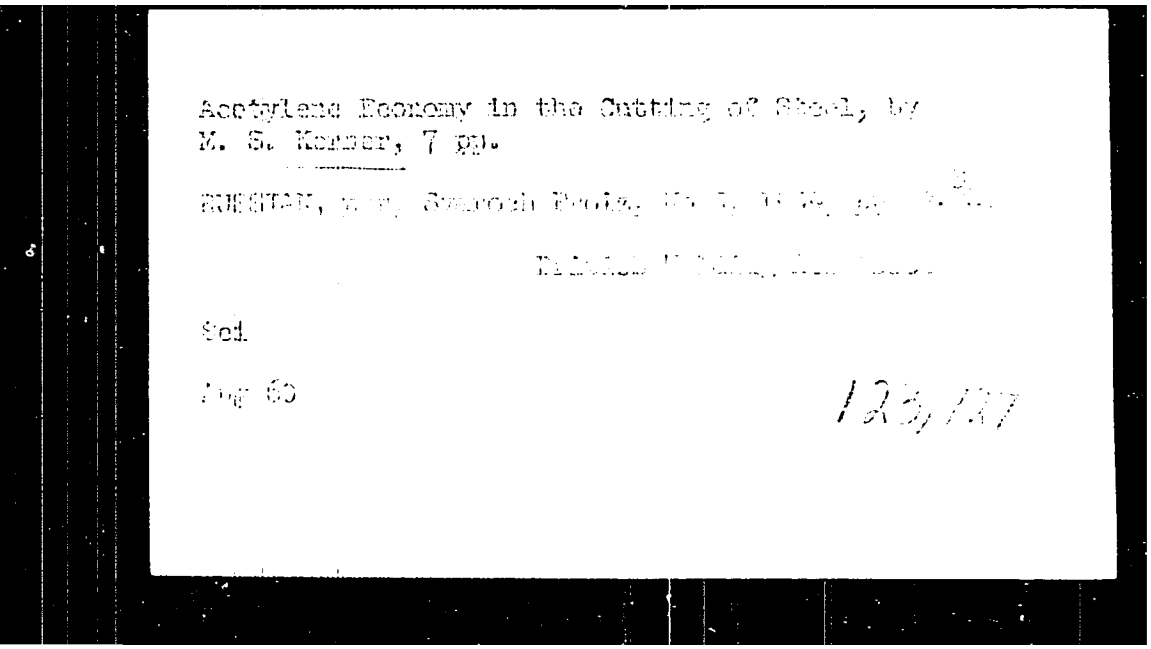

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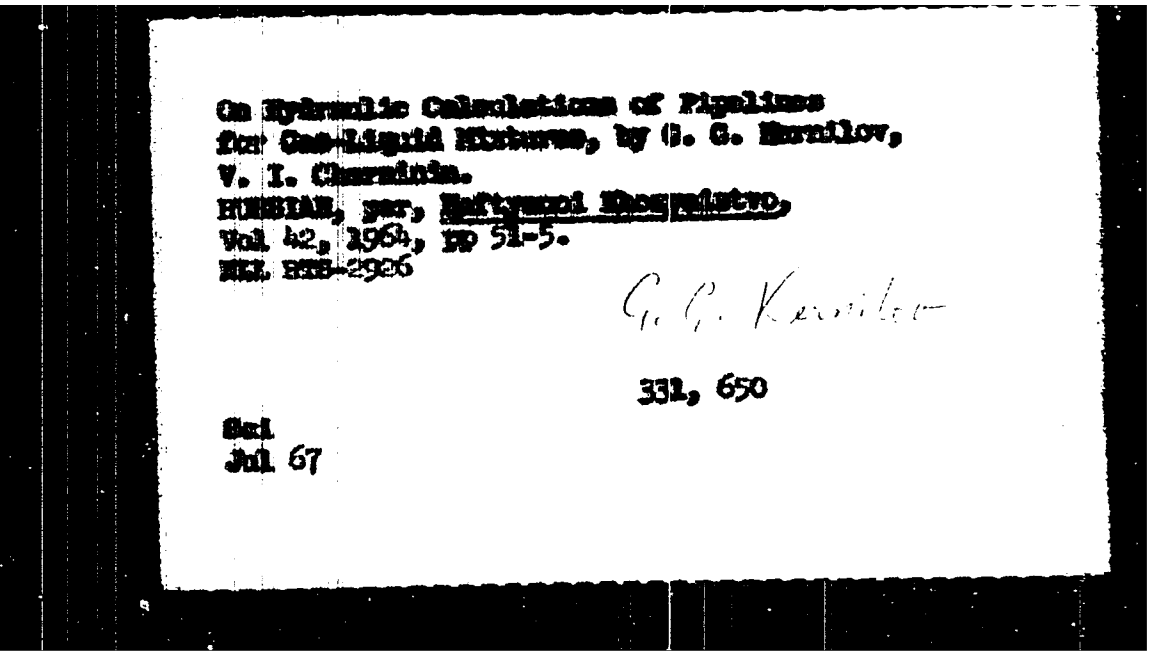

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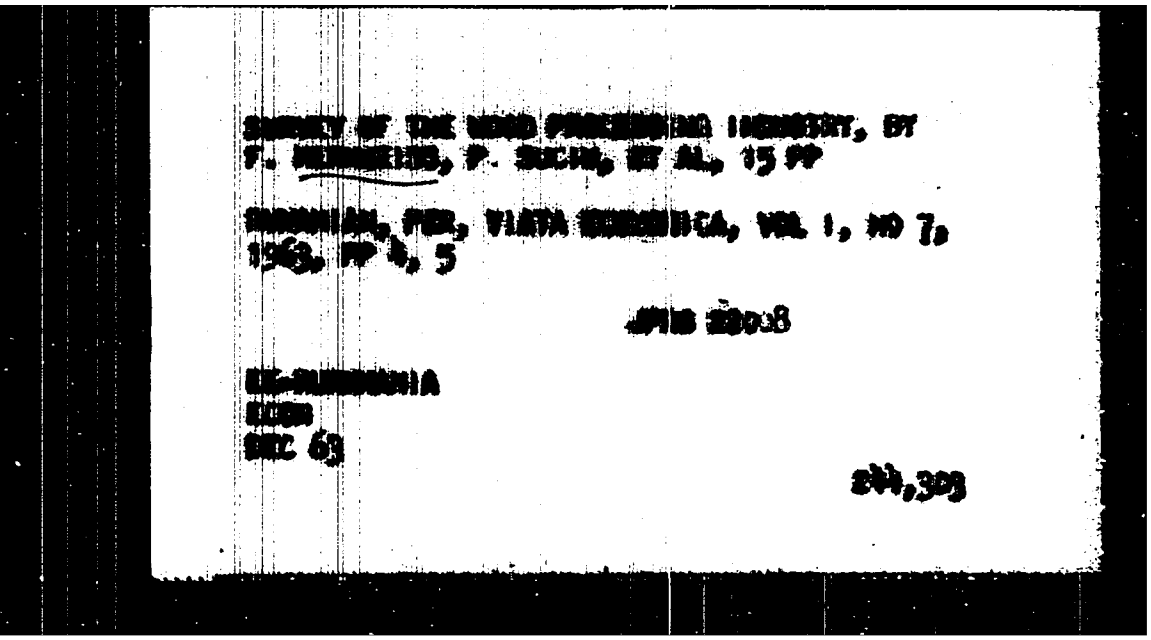

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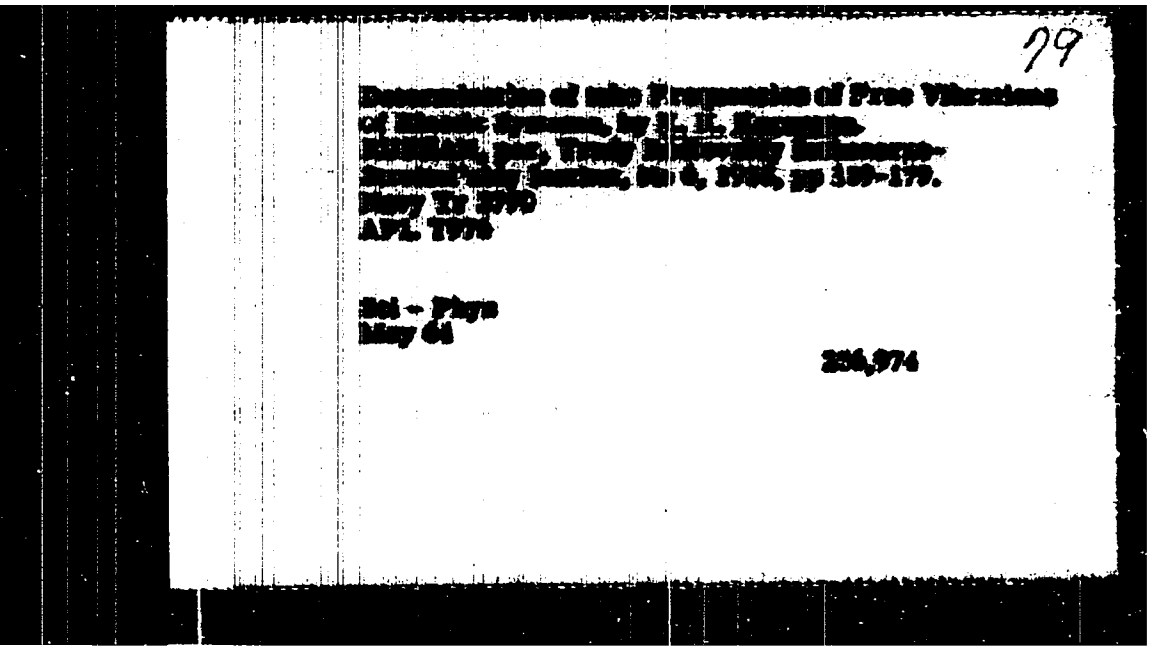

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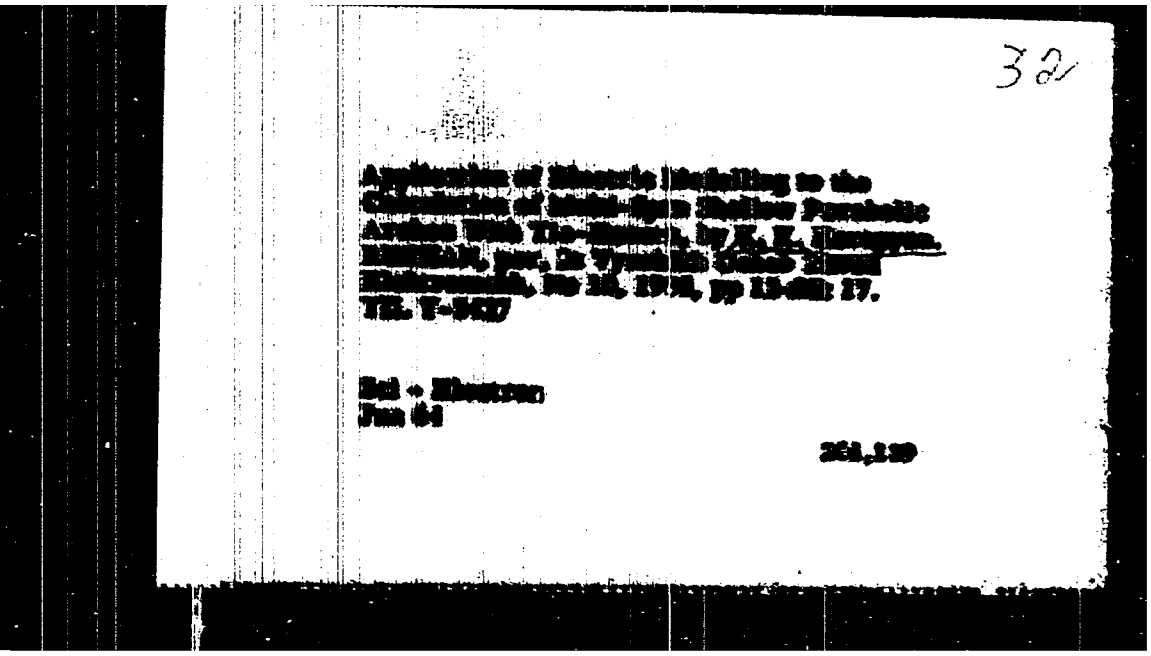


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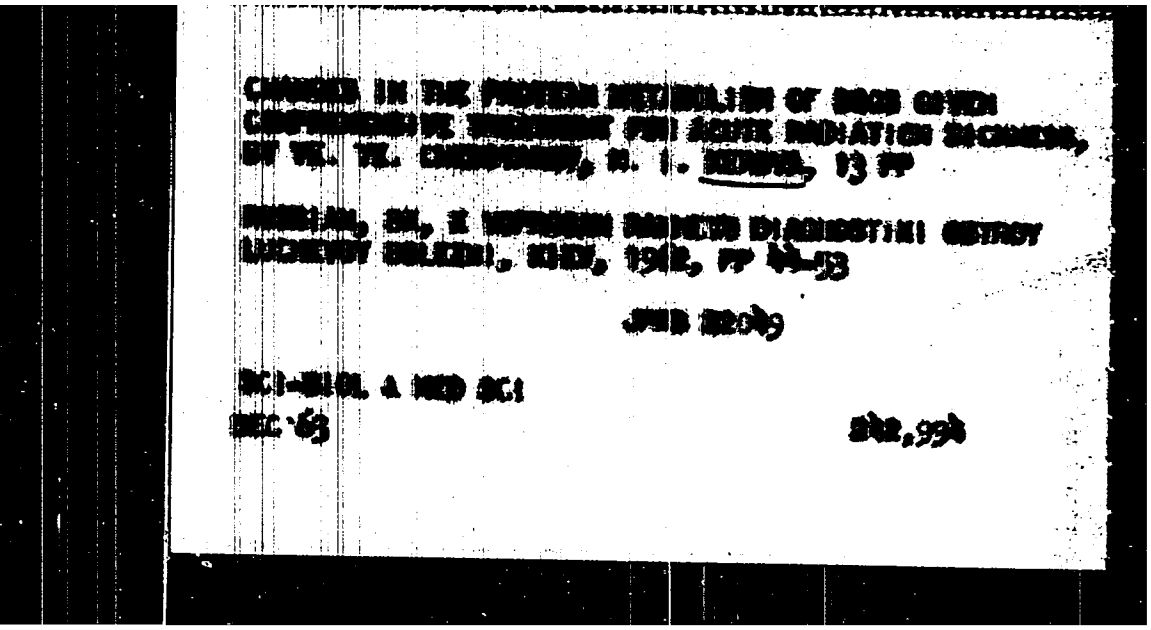

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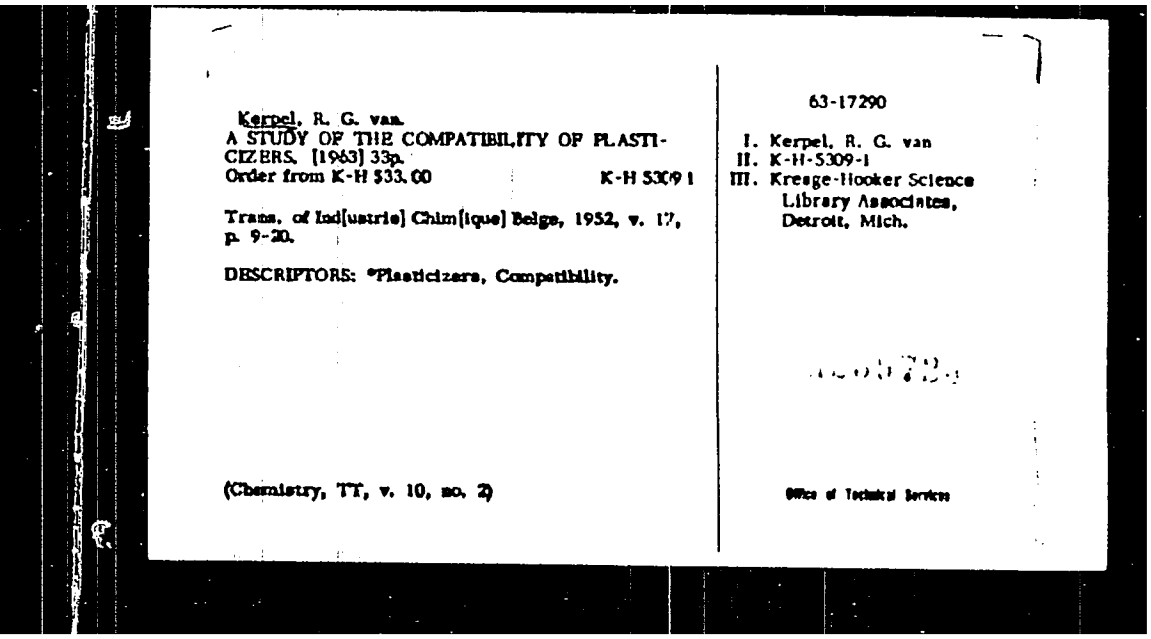

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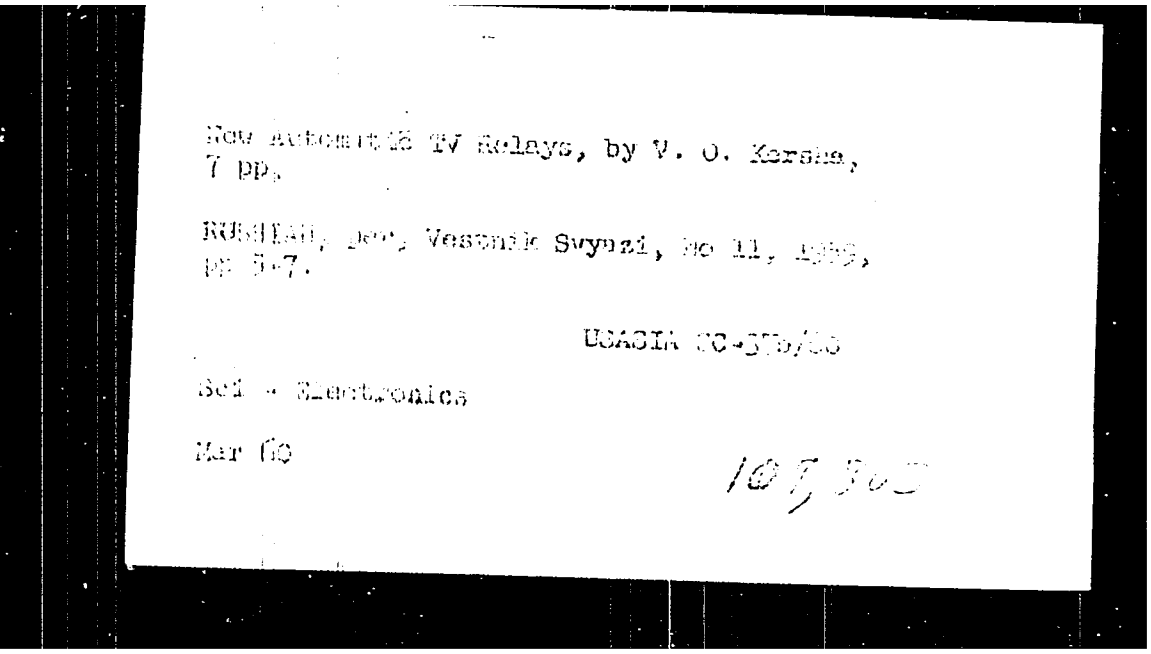

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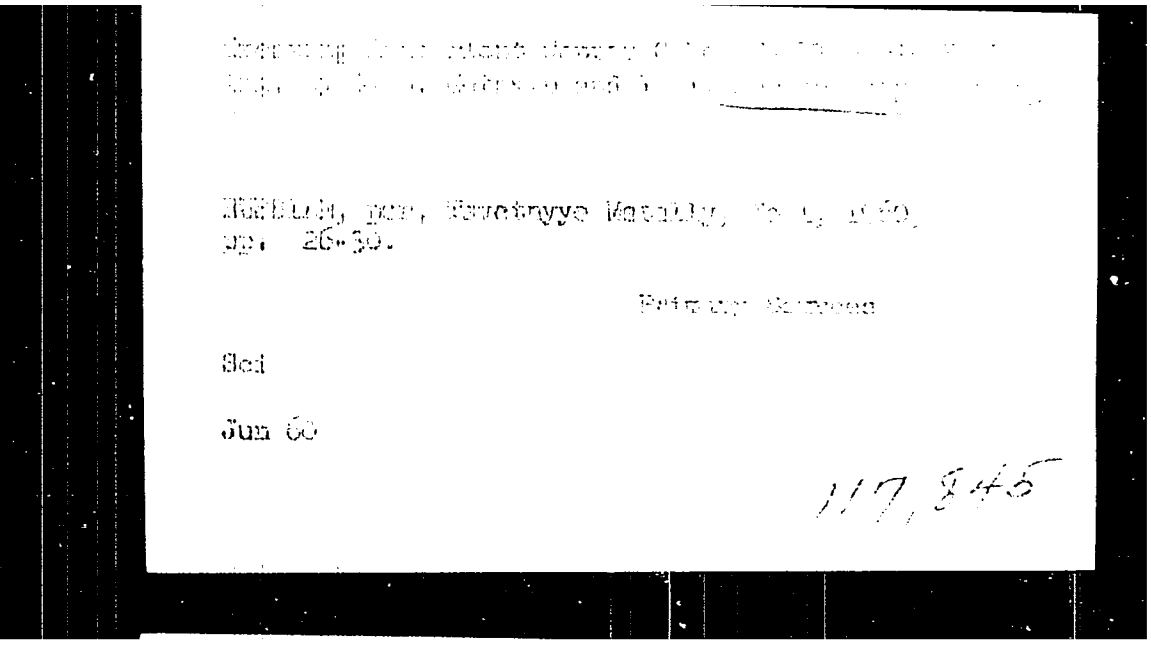

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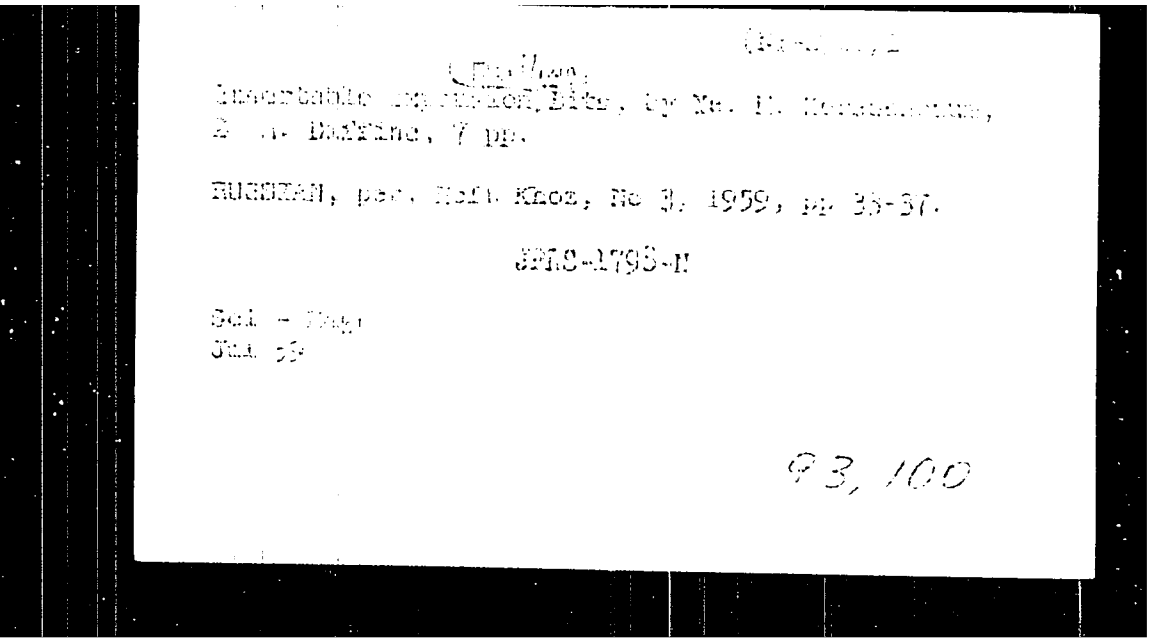

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Kerstan, W.
THE WHITE OPACITY OF CERAMIC GLAZES. [1961]
19p. (12 figs. omitted) 17 refs.
Order from SLA $1.60 62-10556

Trans. of D[eutsche] K[eramische] G[esellschaft]. Ber-[lichte] (West Germany) 1954, v. 31, no. 12, p. 404-409.

DESCRIPTORS: *Ceramic coatings, Metal oxides, Industrial production, Economics.

The cost of production of white glazes is determined by the kind of opacifier employed. Examples are given. The principle of white opacity is explained. Opacity can be classified under three types: (1) the opacifier does not dissolve in the glaze. (2) the dissolved opacifiers separate out again or separation is present. (3) gaseous opacity. The various industrial opacifiers are discussed from the standpoint of how the composition of
(Materials--Ceramics, TT, v. 7, no. 9) (over)

62-10556

1. Title: Glazes
I. Kerstan, W.

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Office of Technical Services

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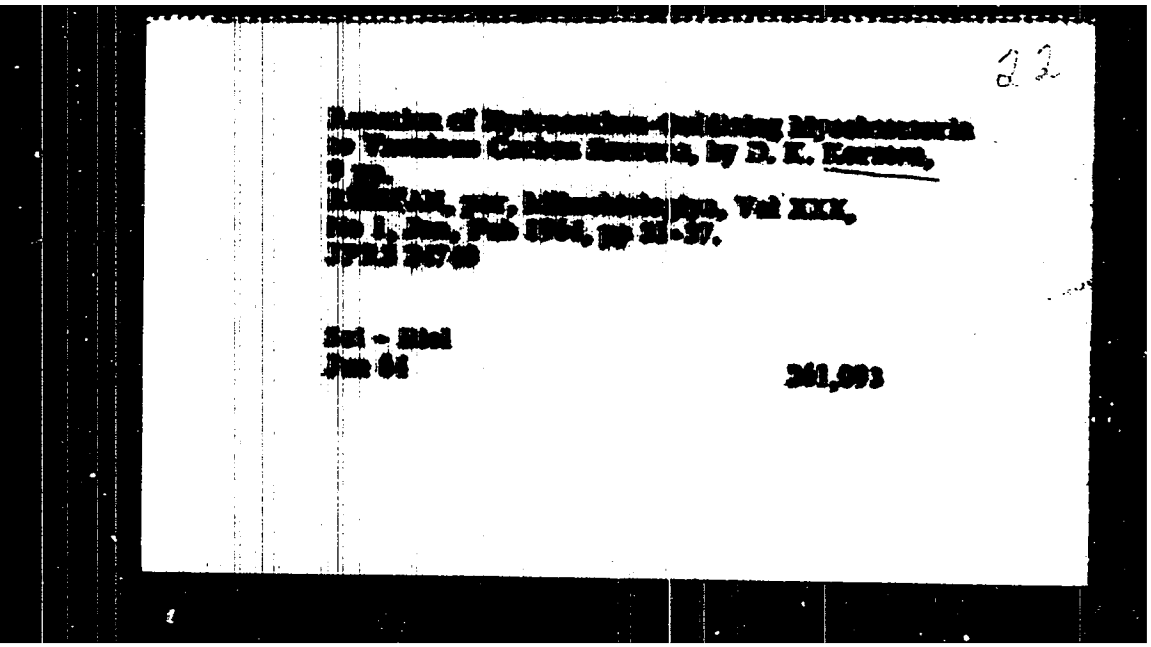

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